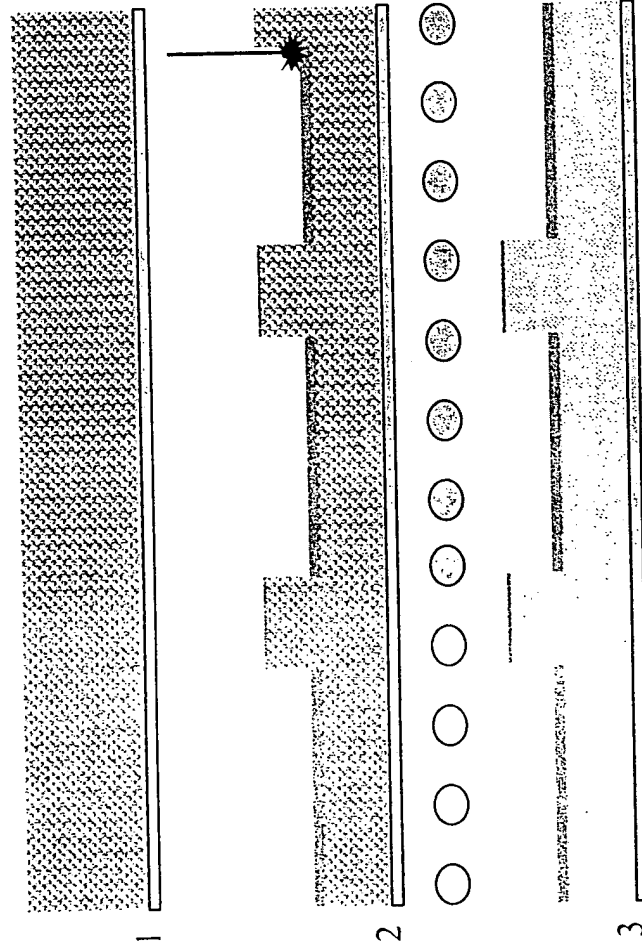


# Figure 1: "Thermof foam" Plate Concept



Raw UV curable plate material,  
with IR sensitive ~~microspheres~~  
microspheres.

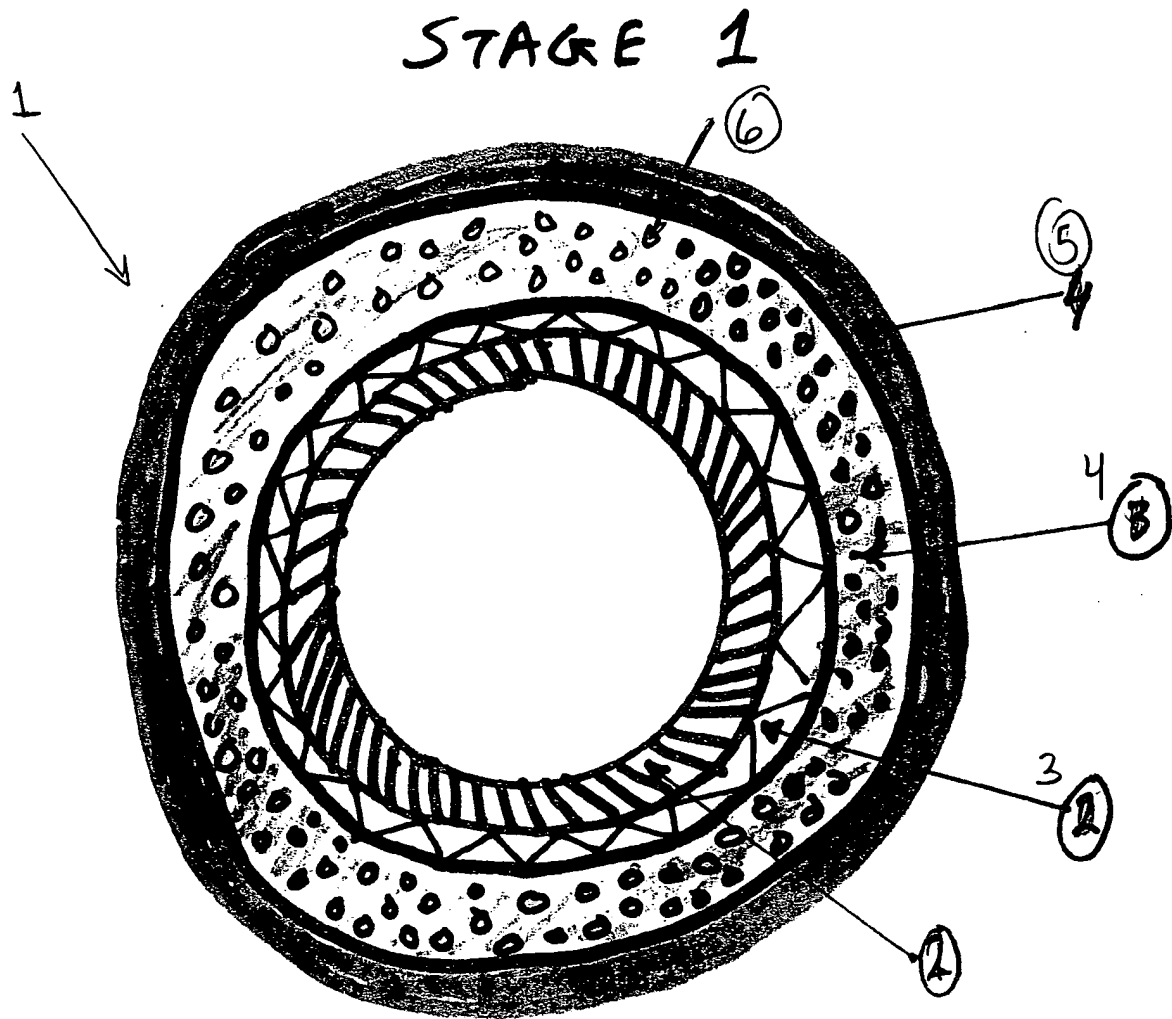
99

IR Laser "collapsing" microspheres  
~~microspheres~~ to create relief.

UV post cure to toughen plate  
for press usage.

FIG. 1

# FIGURE 2. Manufacture of Processless Digitally Imaged Printing Sleeve



1. Sleeve Carrier : Polymer-glass fiber composite or PET
2. Cured Floor : Photopolymer composition with microspheres. Either cured from top or through the PET Backing

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# STAGE 2

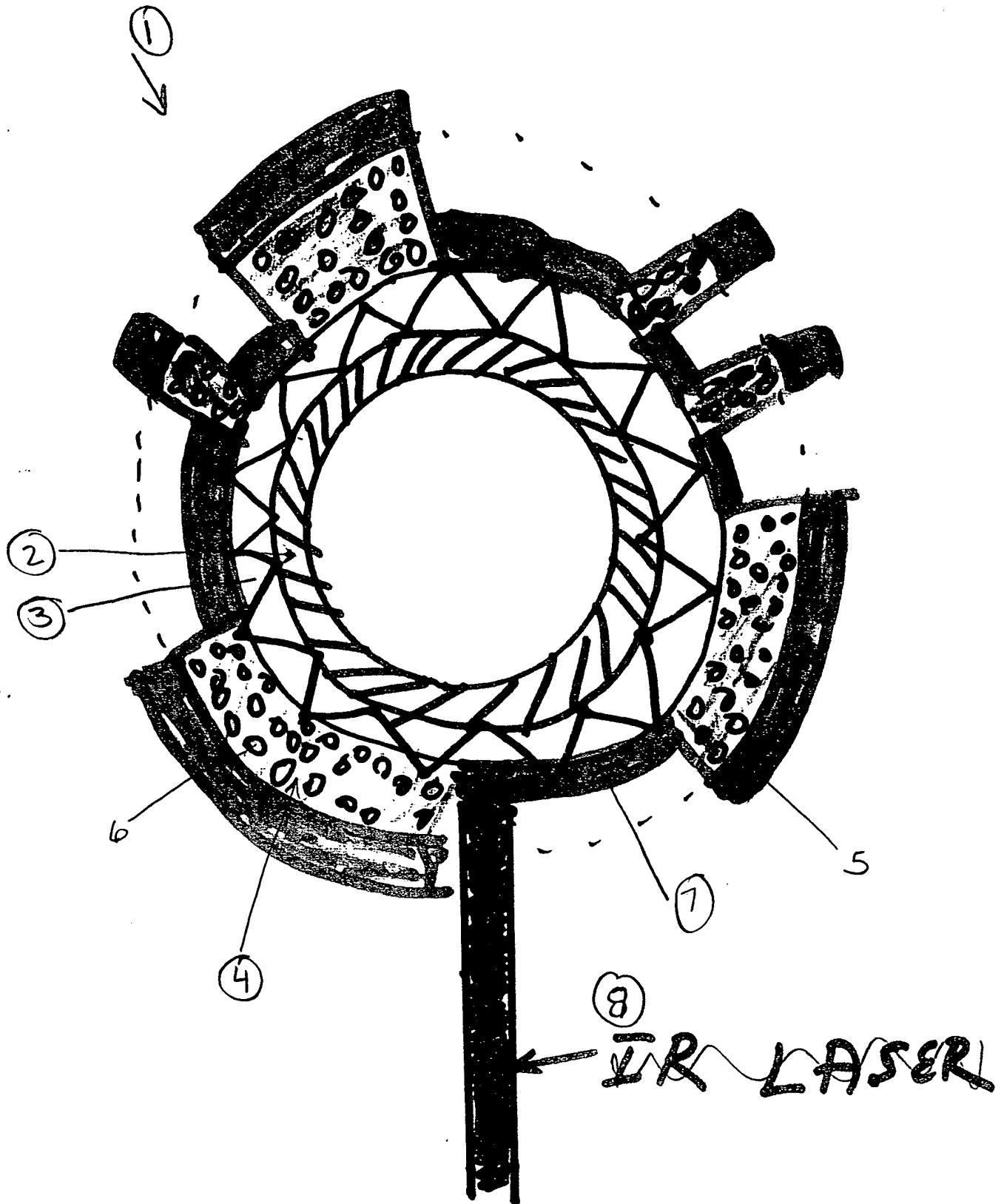
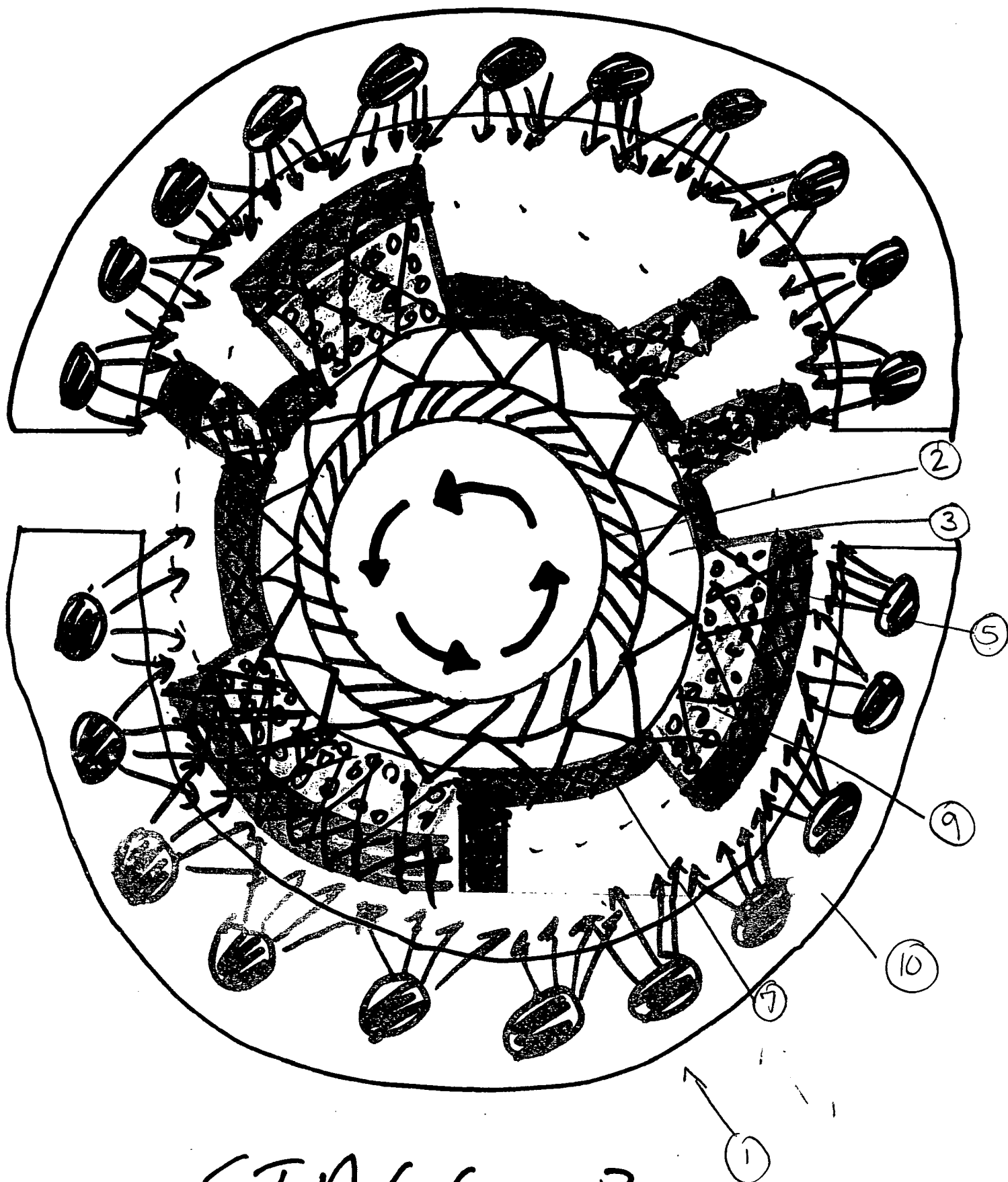


Figure 3.

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STAGE 3

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Figure 4